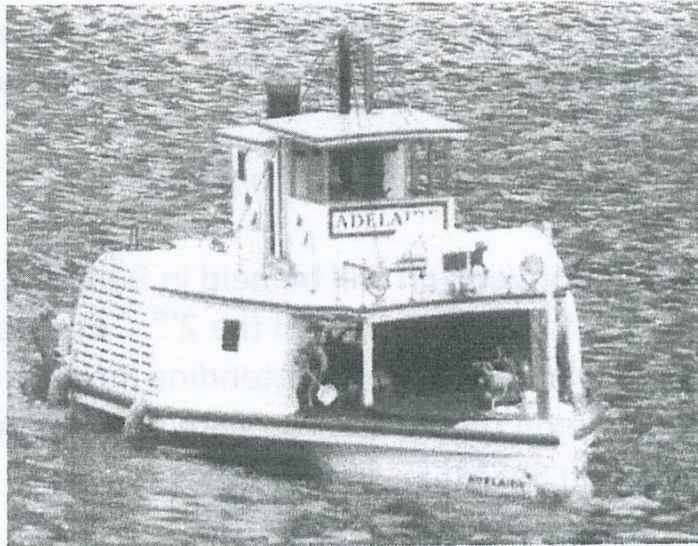




**The Official Journal of
The South Australia Society of
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November 2017

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(This bulletin is issued for information only}

HAPPENINGS.

A round up of SASMEE events, news and other things.

The **SASMEE Annual General Meeting** was held in August. The meeting was well attended and was conducted in an orderly manner. Prior to the meeting it was necessary to clarify the situation as regards the nomination of members for Executive positions relative to the existing [at the time] constitution before the Annual General Meeting could proceed.

The major Executive positions for the 2017---2018 year are, Brenton Dicker, President.

John Monteodorisio, Vice President,

John Foster, Treasurer with Trevor Hill becoming the Secretary.

The Presidents report will be published in the next Bulletin.

Reference to the back page of the Bulletin details the overall 2017/2018 positions.

SASMEE CHRISTMAS FUNCTION.

Members are advised that the SASMEE Xmas function, held in the Club grounds, will be on Saturday the 16th of December. As the dinner this year will be a roast, serving will commence at 6pm.

There is an attendance form in the Club house to enter your attendance numbers. Members are requested to provide their own suitable eating and drinking utensils.

The grounds will be open for track running from 2pm.

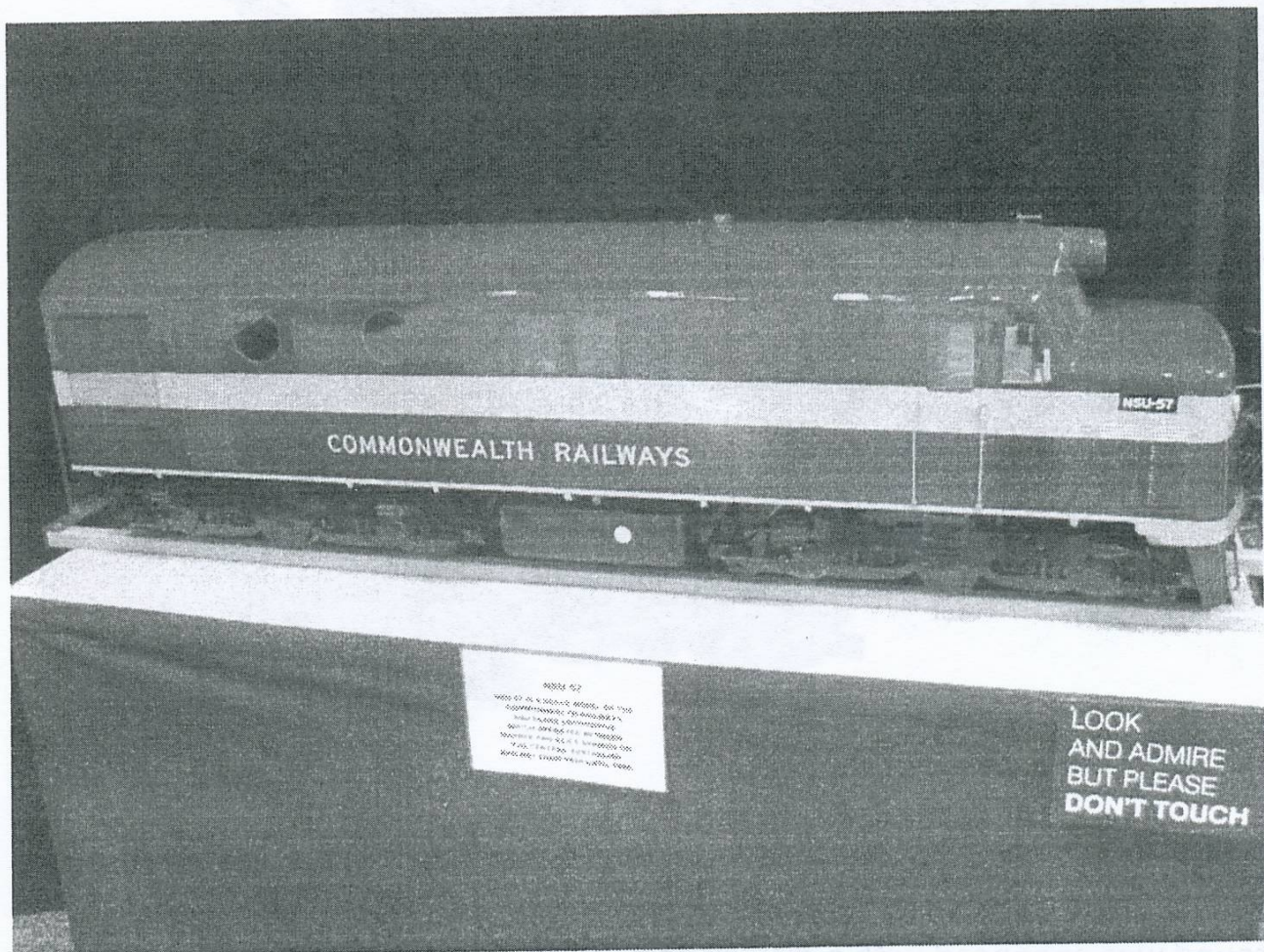
The 62nd A.A.L.S. Annual Convention will be held in Bunbury, WA., commencing on the 29th of March until April the 2nd. Early advice has been given to allow members who may think of attending ample time to plan ahead. Further details are on the A.A.L.S. website or in the Australian Model Engineers Magazine held in SASMEE's library.

WORKSHOP DISPOSAL ITEMS

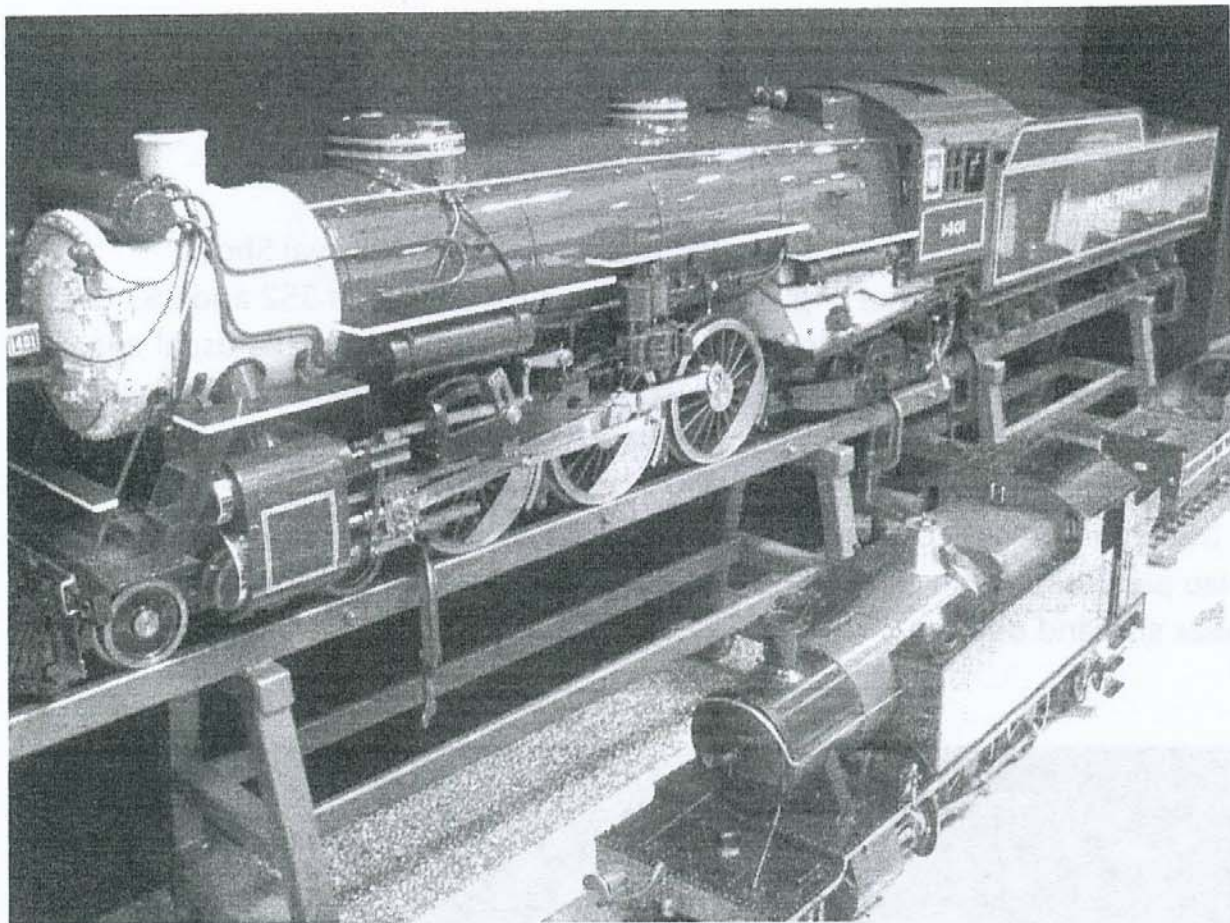
There is a notice on the Club's notice board which details an array of workshop items for sale relating to the late Ian Clark. Members who may be looking for smaller size machines and associated tooling may find the list of interest. A 2-6-0 Loco is also for sale built by the late Frank Lee is also offered. If interested the contact number is 82936 537.

The Royal Adelaide Show Exhibits for 2017.

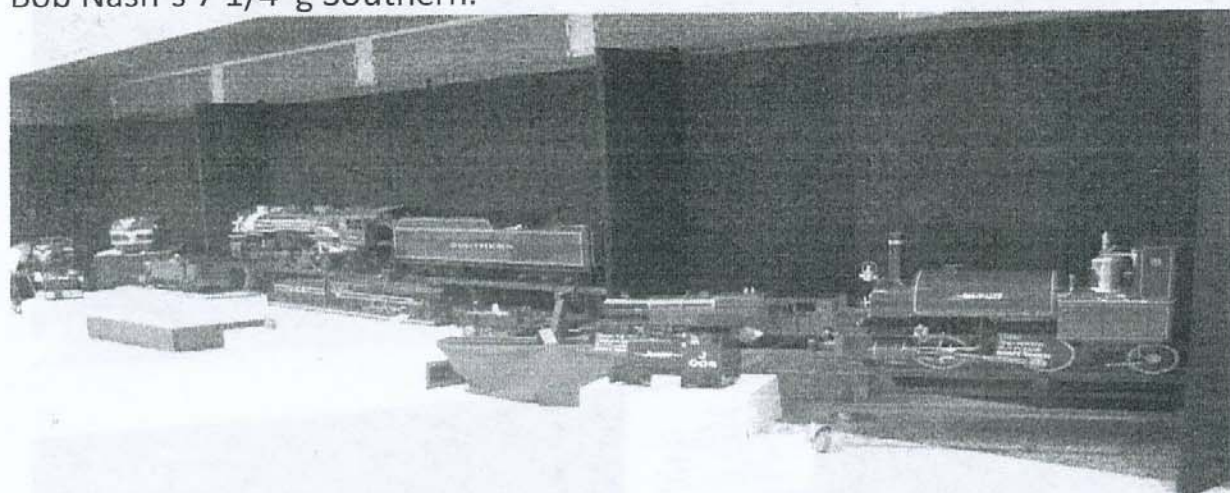
For the fourth year SASMEE provided the exhibits at the Royal Show. As both Steam and Diesel engines are catered for in classes 352 and 353 the total of 11 engines was made up of 7 steamers and 4 diesels. As usual our presentation was an impressive and varied display. The major awards went to Kingsley Martin for a finely detailed and presented NSU Commonwealth Railways Diesel, Number 57. Kingsley's Loco was first in the Diesel class. In the steamer category Bob Nash displayed his Southern and took out a first prize plus best in the class. Bob's loco created quite an impact based on sheer size and detail.



Kingsley 5" g NSU diesel loco.



Bob Nash's 7 1/4" Southern.



The 2017 display prior to the opening. At the time of the Show the back ground was enhanced with a display of quilting.

Other members to display were Toni Offler, Bryan Homann, Bob Smith, John and Jackie Monteodorisio, Ian Hand, Jack Soames and Danielle Hall.

SASMEE STEAM HOUSE REPLACEMENT BOILER.

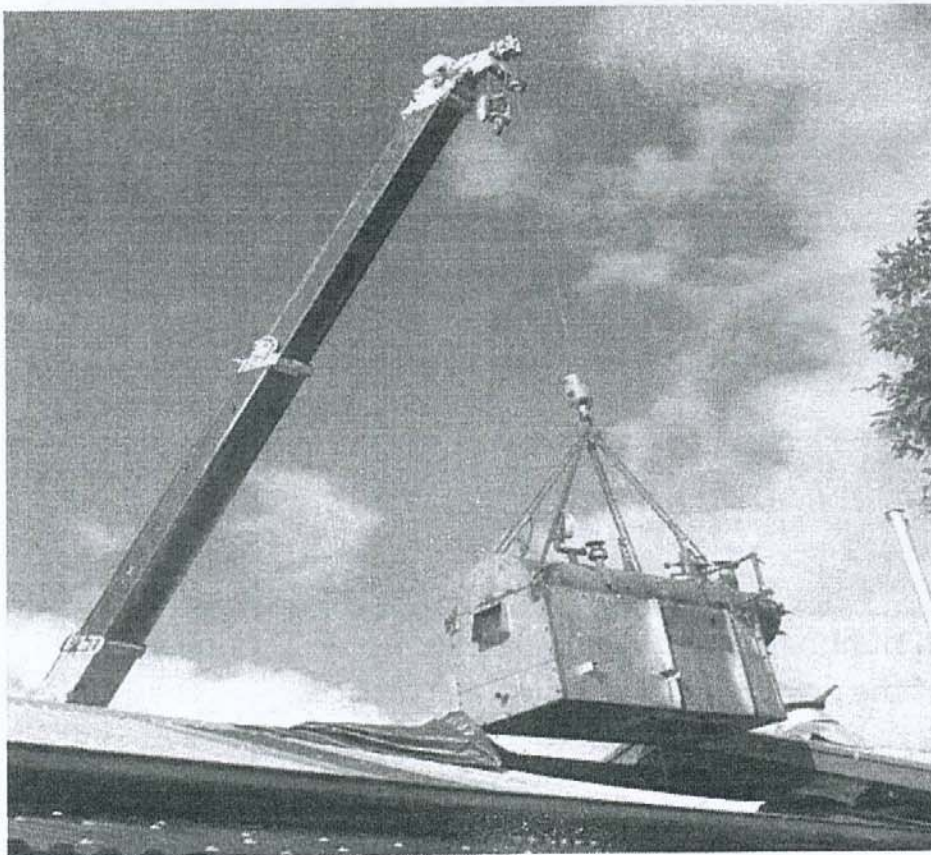
As reported in the last Bulletin work was underway to replace the old boiler with a gas fired unit. With the completion of a refurbishment programme and certification of the new boiler structural elements, the removal of the old, and replacement by the new boiler took place on Wednesday ----- The whole exercise was conducted in a professional and save manner by using two cranes. The operation commenced at about 9am and by late morning the new boiler was lowered into place and the old was dispatched on a waiting trailer. The whole exercise went without a hitch and John Foster is to be congratulated on his leadership of the project. [there is a rumour about that John had his first sound sleep that night for the first time since the replacement project was originally discussed.]

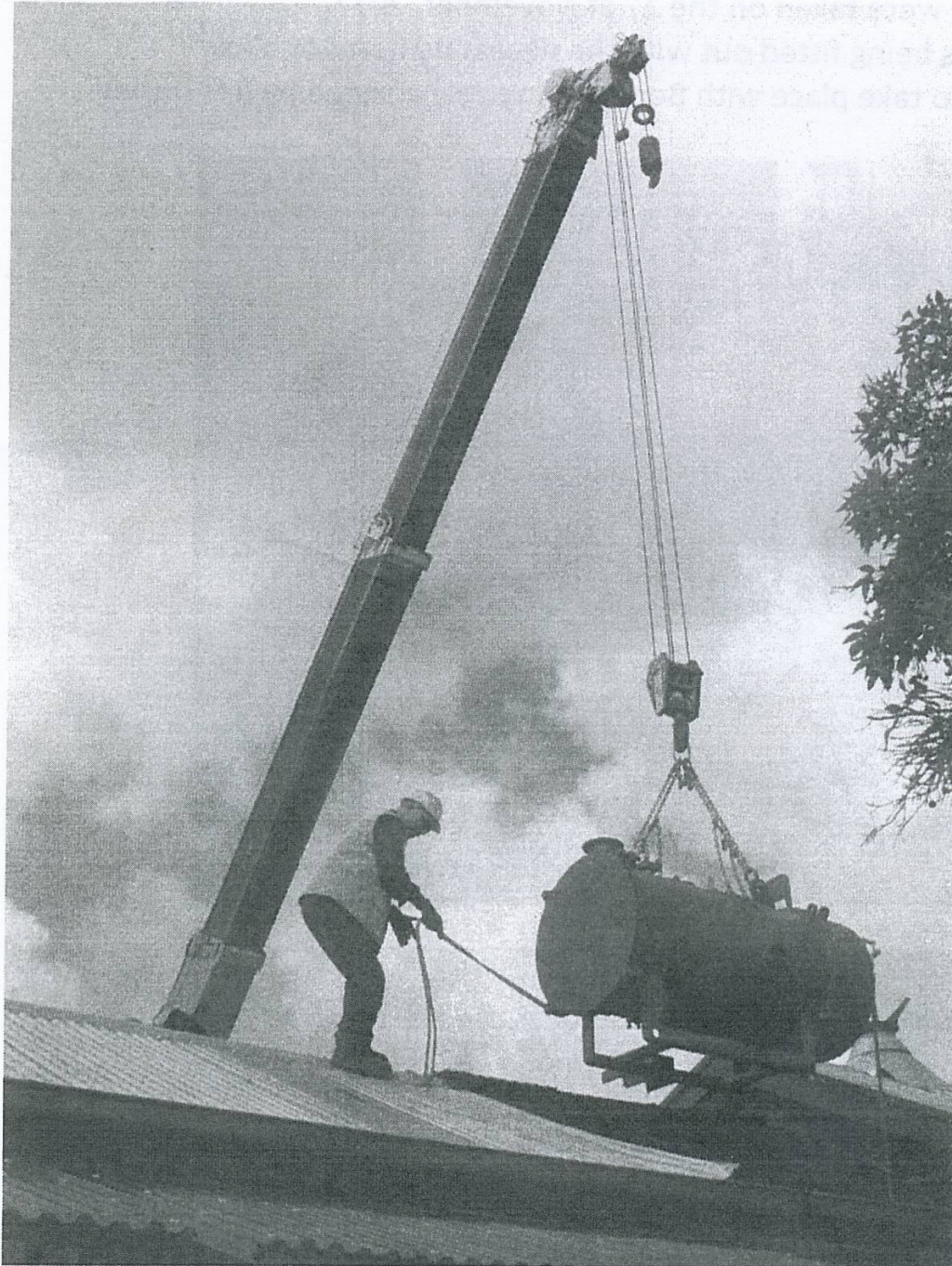


Boiler inspector Simon Huntington and Chief Engineer Bernie Dickinson posing at the buyoff of the new boiler cleared for installation.



The main crane was positioned in the roadway about to lift the old boiler out through the roof. Below is the exit of the old boiler.





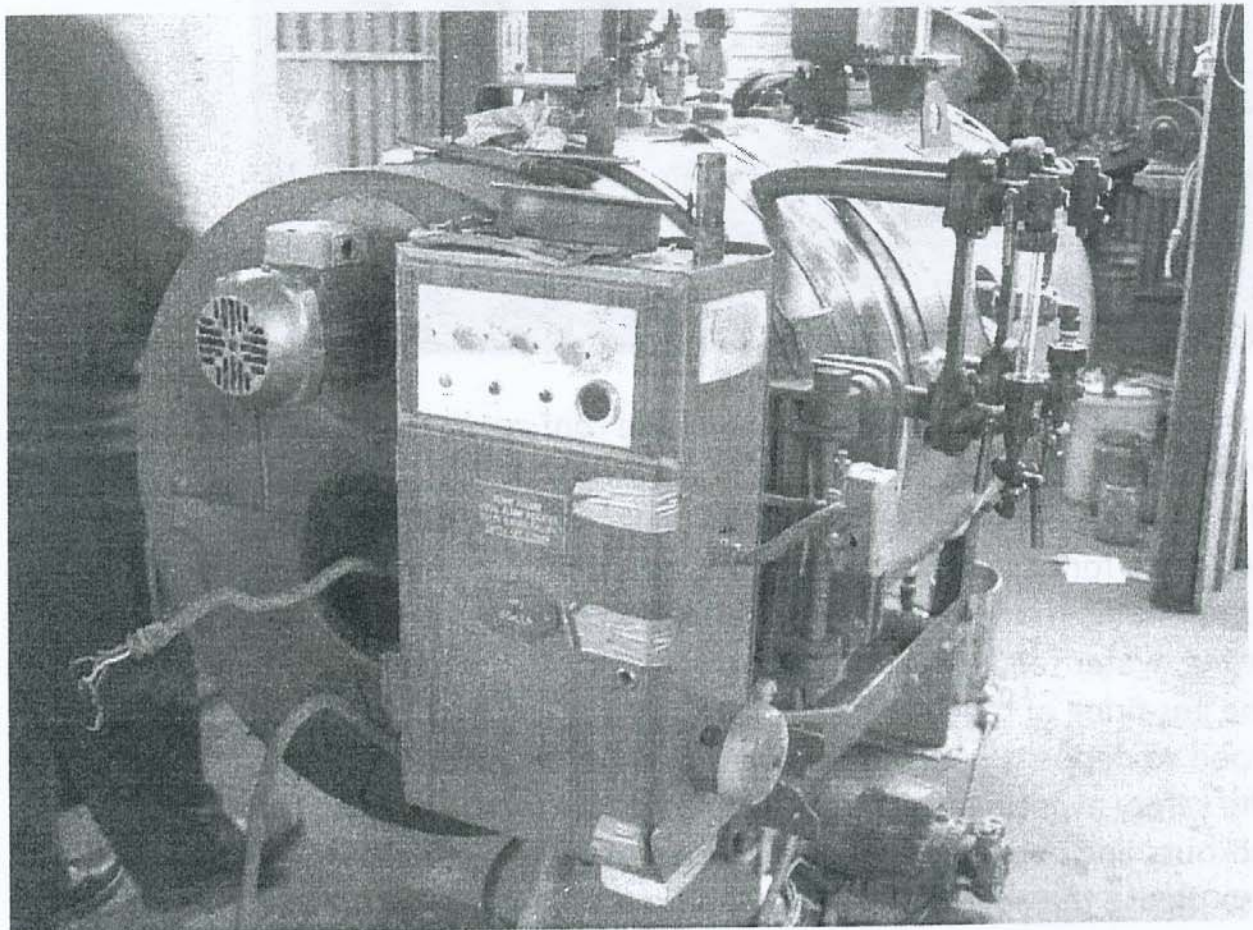
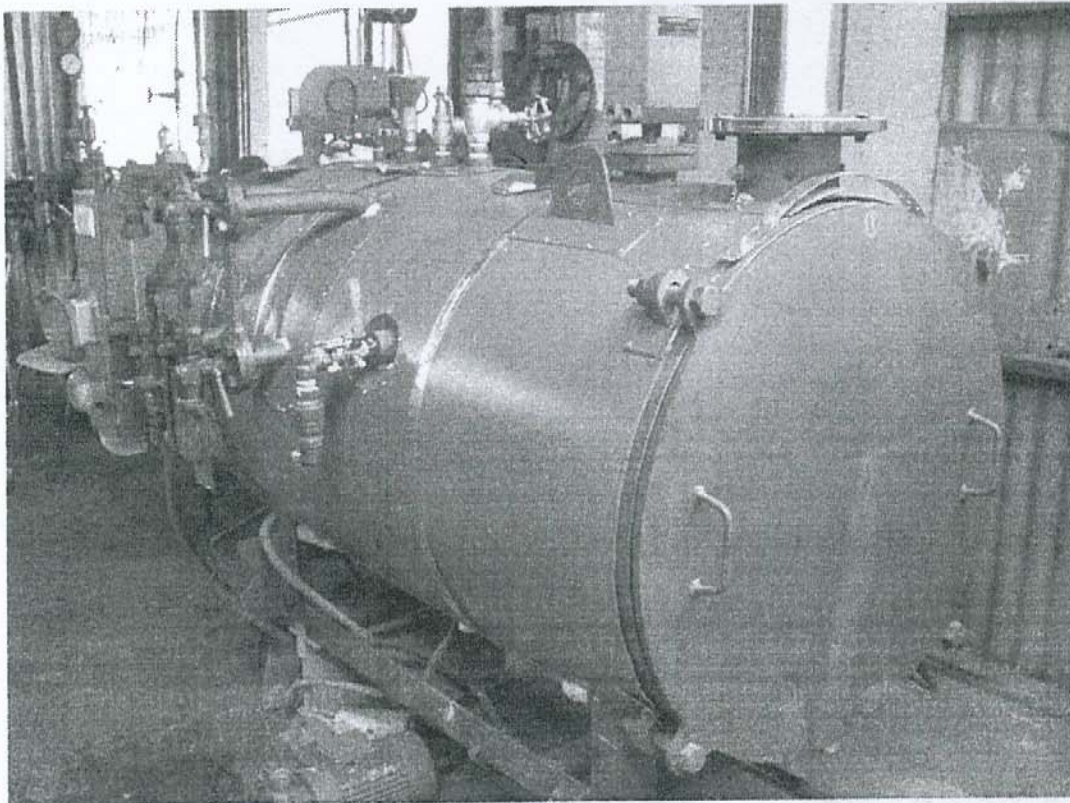
The new boiler being lowered though the roof guided by one of the rigging crew members.

The new boiler is sited on a purpose built structure such that there is clearance for ease of maintenance. Bernie has taken over the fit-out of components to the boiler and is co-ordinating the process of electrical, gas-fitting, water feeds and final commissioning.

The gas firing of the new boiler has made redundant the task of stoking by wood so deposits of unwanted firewood are no longer welcome.

The safety aspects of gas firing have been taken care off by a series of lockouts and over-ride functions in case of system failures. Gas firing will also please the adjacent Croquet Club re smoke/smell concerns.

The shots below were taken on the 1st of November, 2017.
The new boiler is being fitted out with the necessary items to allow
commissioning to take place with Bernie being ably assisted by Jeff During.

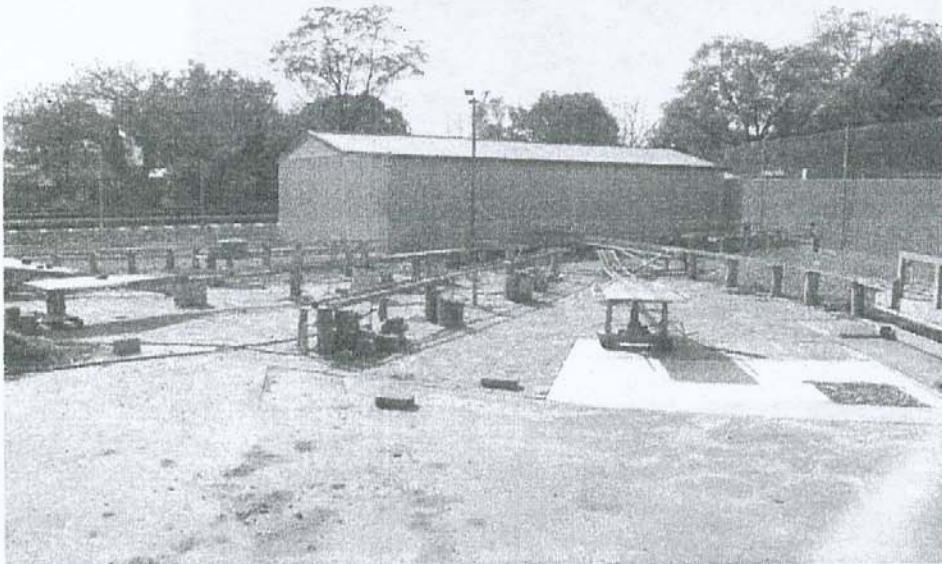


7 ¼" GAUGE ROUND HOUSE PROJECT.

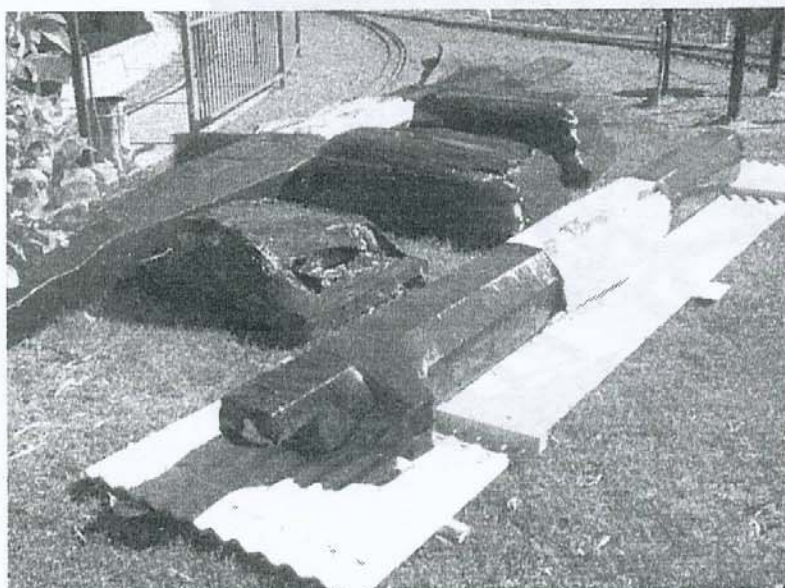
The above project is quite significant within SASMEE due to the complexity of the proposed structure. This in turn gave cause to an extended planning, site planning and preparation, revisions to construction practicalities and lastly the major hurdle to overcome was the approval and the go-ahead by the local council. Project management has been handled in the main by John Harris

The general layout of the Roundhouse has been posted on the notice board in the Club house for some time. Now that construction has commenced we would have to agree its` a pretty impressive structure. The actual putting together is being undertaken by a subcontractor, working with components supplied by the loco company of Stratco.

The following photos give some idea of the long awaited unit.

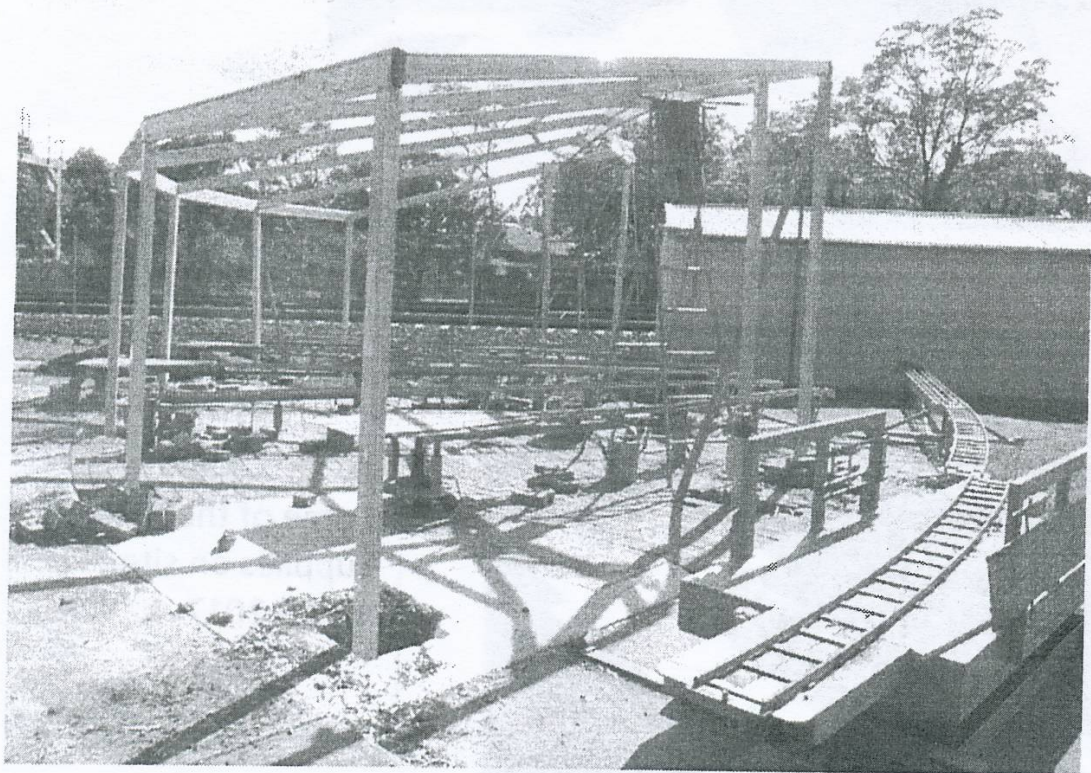
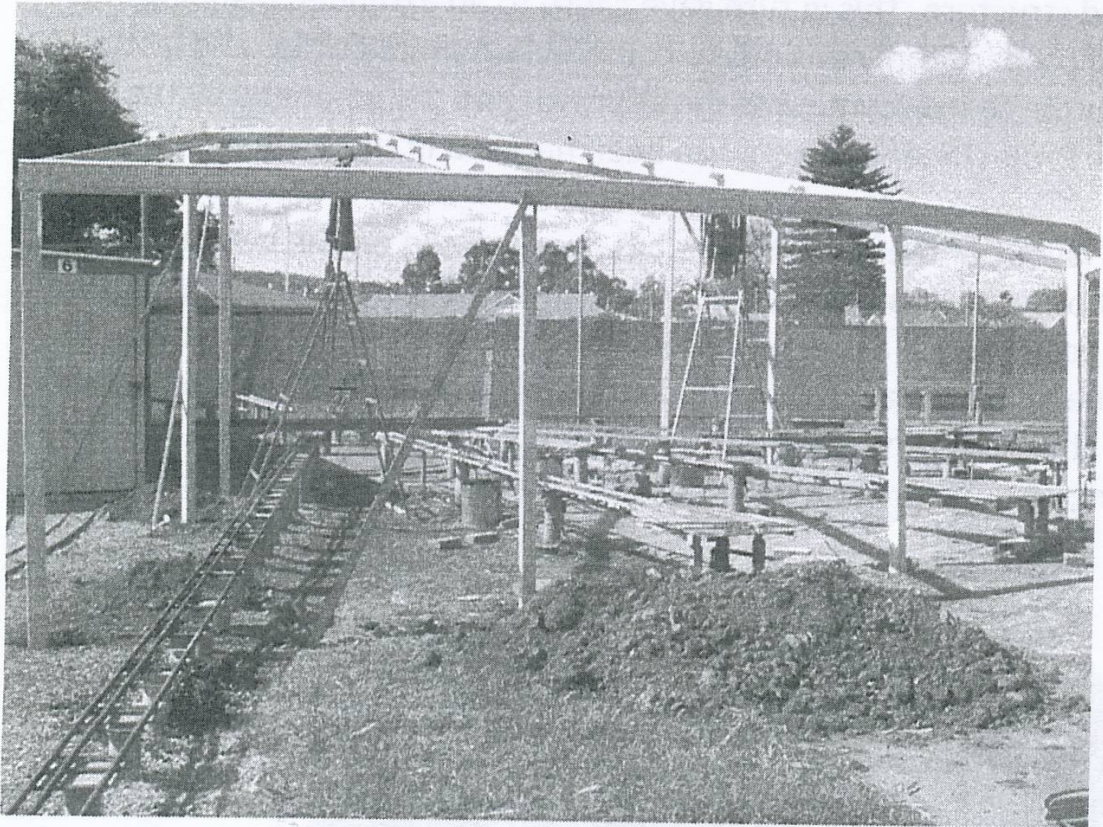


Site with paving in place prior to construction commencing.---20-9-2017

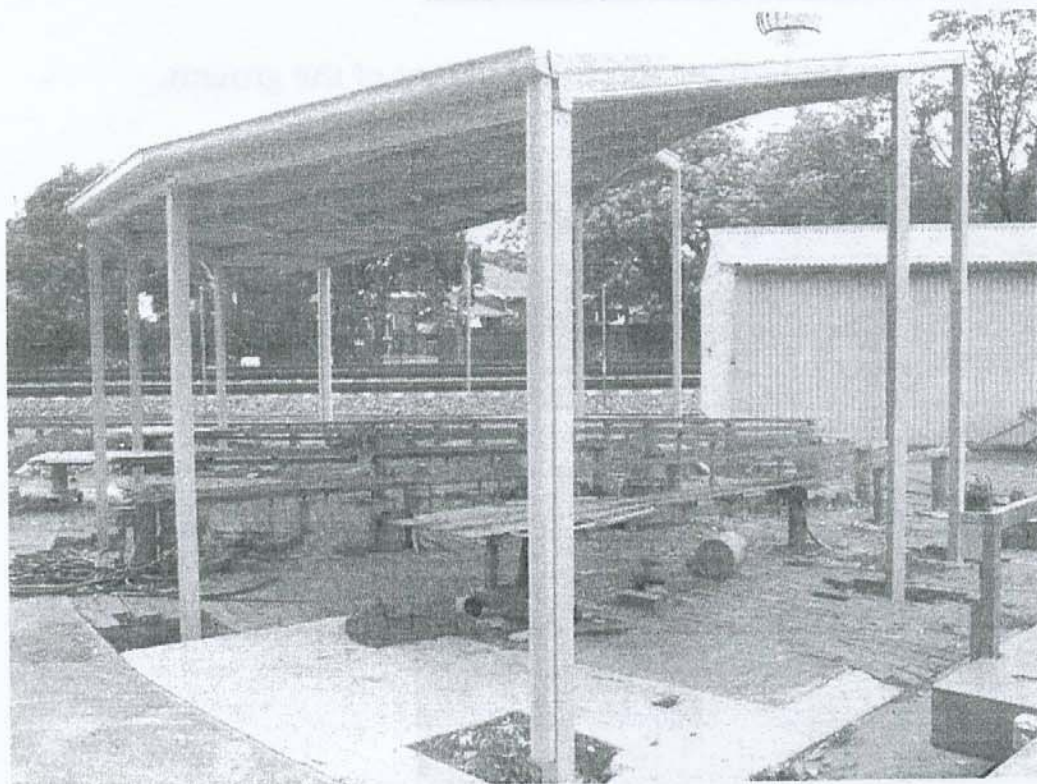
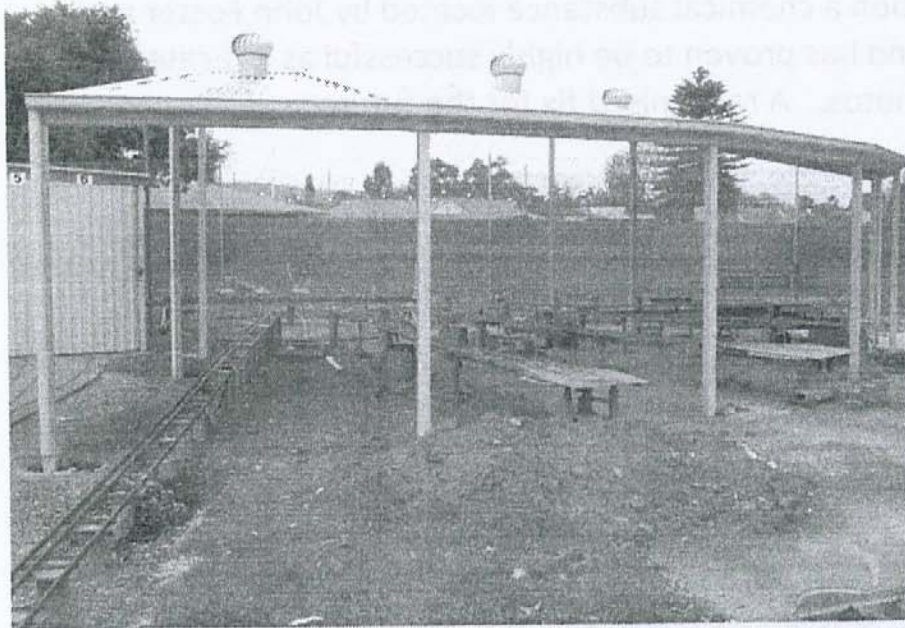


Some of the building supplies on site.
18-10-2017

General pictures of the build status as of 25-10-2017



The Round House structure complete as of 1-10-2017.
Some minor earth works and tidying up to do.

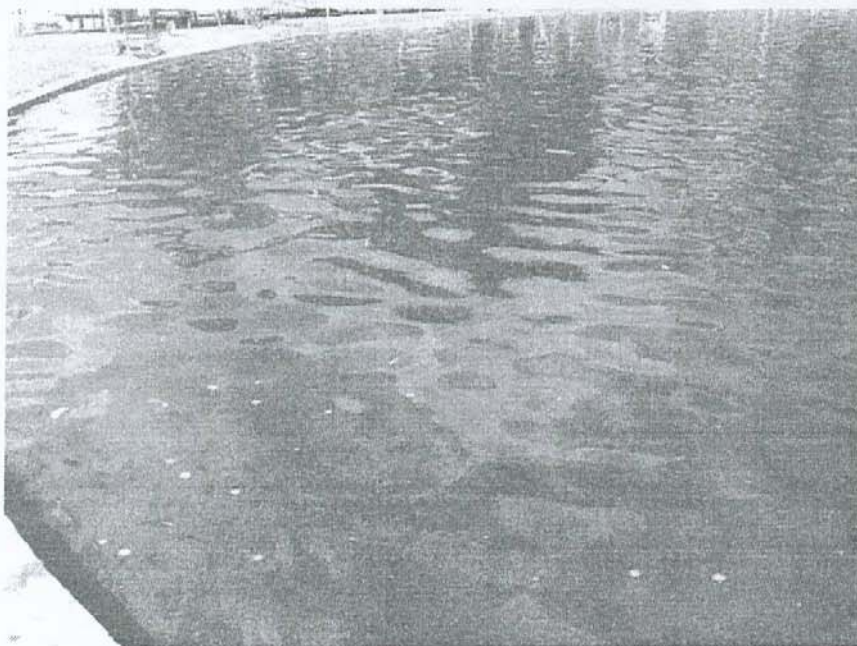


BOAT POND CONDITION

Due to weather conditions the boat pond was overtaken by an algae which virtually arrived overnight. The rotary paddle system, whilst generating a circular motion around the perimeter of the pond did little to eradicate the growth. The introduction a chemical substance located by John Foster and introduced into the pond has proven to be highly successful as indicated by the before and after photos. A recognised fix for the future.



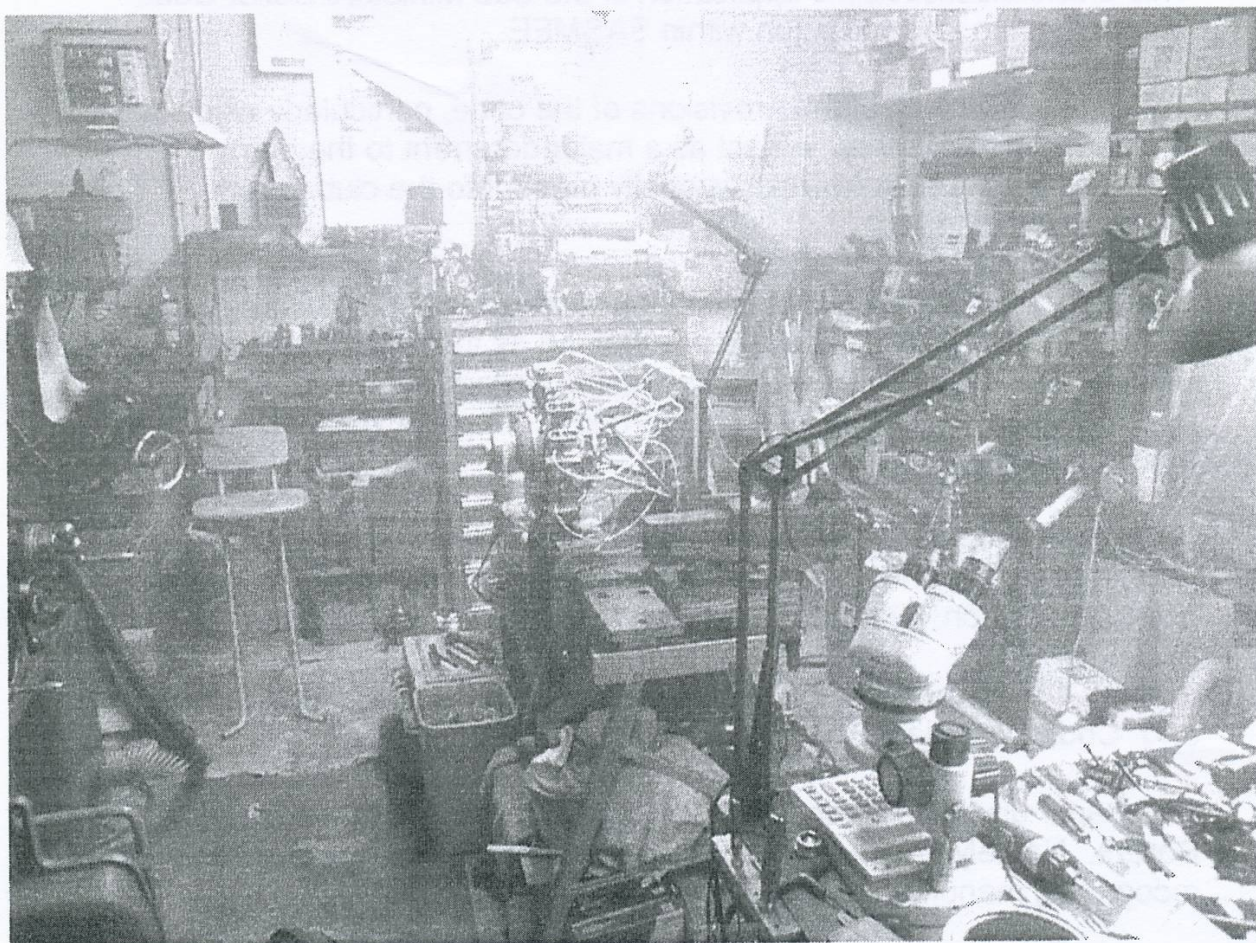
Above shot on the 20th on September shows the extent of the growth.



Clear waters on the 25th of October.

OTHER THINGS. By the Editor

In a previous Bulletin I made reference to a visit to a friend in Japan and his confined workshop. I recently received an email in which he refers to having successfully fired up his 9 cylinder Wright J5-9 for the first time after some 3 years. There is still a good deal of final makeup of fuel tanks, throttle linkage etc, etc. He goes on to say that the initial duration run was of 12 minutes, using a 1:25 petrol/oil mix. The photo shows the engine running, surrounded by a pall of blue smoke. He tells that he had the window and door open plus a fan. He had to leave the workshop due to the effects of Carbon Monoxide fumes. [I add that he is a Doctor.!]



SASMEE AUCTION NIGHT.

The traditional SASMEE auction was held after the September meeting. Members were faced with a vast array of objects. From the amount and diversity of items it would appear that the word had spread between members that a shed cleanout be mounted. Ian Thomas did a fine job of extracting some \$300 from those members who thought they really needed the articles. Some things did not sell readily, like a mass of Magazines.

Garden Railway

Motive Power #3

BY MAX SHUARD

Sub Miniature Boilers.

Over the past four years SASMEE has introduced a garden railway with O and 1 Gauge.

This article discusses the application of the Sub Miniature Boiler Code with respect to its application within SASMEE.

To rigidly enforce all of the provisions of the code, particularly when it is clearly not necessary, will act as a major deterrent to the many members and guests who occasionally present to the club to run steam locomotives.

The code provides for two classes of boiler, according to working pressure. Low pressure boilers are defined as those that operate at or below 200 kPa (29 psi). Medium pressure boilers are those that operate above 200 kPa and below 520 kPa (75 psi). This discussion is confined to medium pressure boilers.

Low pressure boilers, such as found in Mamod locomotives still pose a danger of burns, and so should be operated on the club tracks under adult supervision. No other operating restrictions are proposed.

Section 4 of the code further divides boilers into "Built to Code Boilers" and "Code Compliant Boilers".

This paper discusses a specific subsection of the Code Compliant Boilers. Namely, those boilers that are mass produced by the following recognised manufacturers:

Accucraft
Aster
Regner
Roundhouse.
Aristocraft

CONT'D

The code is directed mainly to low production run or individually manufactured boilers, and does not adequately address the mass produced locomotives that are largely used as toys. While it does appear that the code allows some discretion, it is felt that applying the full provisions of the code as they stand are far too onerous for these manufacturer's locomotives for the following reasons:

Design.

The designs of boilers in locomotives produced by these firms have a long and trouble free history. They have been produced in many hundreds or thousands and operate in many countries world wide under a wide variety of conditions. It is felt that the design has been proven and clause 4.2.2 requiring documentation of the boiler material is not necessary.

Manufacture.

For the same reasons as those listed above, the manufacture of boilers made by these firms should not be required to undertake a hydraulic pressure test as listed in Clause 4.2.1 of the code.

Application of the code to SASMEE operation.

It is suggested that SASMEE adheres in principle to the code, but has regulations that on presentation of a locomotive not previously run on SASMEE tracks, allows the following:

- Determine if it has been manufactured by one of the manufacturers listed above,
- visually examined to ensure it is not damaged or has been modified and
- the safety valve is tested.

If it complies with these items, then it is deemed compliant. A temporary certificate can be issued if we want to go that far.

This does not diminish the requirements for boilers outside those of the manufacturers listed above or operating above 520 kPa.

It is considered that such a regulation should be compatible with taking a responsible and safe approach, while enhancing and encouraging the accessibility of SASMEE to visitors, which we should value and foster rather than discourage.

SASMEE OFFICE BEARERS AND COMMITTEE FOR THE PERIOD 2017-2018

President: Brenton Dicker, 8270 3175.

Vice President: John Monteodorisio, 8276 4675.

Secretary: Trevor Hill 8337 9057

Minute Secretary: David Hawkins: 8371 1350.

Treasurer: John Foster. 83363119.

Asst. Treasurer: Toni Offler.

Accounts: Mary Homann. 0429 901 576

Committee: Grant Bolton.

Greg. Weaver

TBA.

Safety Co-ordinator: Michael Offler.

Boiler Inspectors:

Bryan Homann. 0417 843 945

John Monteodorisio, 8276 4675

Canteen Management: John & Jackie Monteodorisio.

Library: John Davey, Fred Gold, Bill Coles.

Auditors: Michael Moyse, Graham Gaetjens.

Patron: Lachlan Cline, Mayor of Unley City.

Vice Patron: Bernie Dickinson, BA CPEng, FIFE, Fi Mar. EST.

SASMEE Bulletin: Editor, Bill Coles, 8296 2167.

Email, bjhove@internode.on.net

SASMEE Postal Address, PO Box, 208 Goodwood. SA 5034